

*8653*  
*This pertains to the original 2 units only - not to the 4 follow-on units*

20 May 1966

Dear Jerry:

25X1A

We are pleased to submit the following quotation to provide for modification of the existing [redacted] to an operational configuration for automatic activation and to provide for flight test support of the system.

Attachment 1 describes the work effort in four phases. Phase one covers the mechanical modifications necessary to provide more rigid mounting and compatibility with the airframe manufacturers preferred electrical connectors. Phase two covers the redesign of a programmer card plus the ancillary wiring changes to incorporate the mutually agreed upon control functions, including the necessary time delays, etc. Phase three provides for a radiant monitor of new design utilizing a photo-voltaic silicon diode. This approach circumvents the long term aging characteristics of the existing lead sulphide detector. Phase four provides for six man-weeks of field engineering.

*as at 13 May 66*  
*Phase 1, 2, 3 have been completed*  
*Phase 4 is in process*

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The quotation as outlined herein is submitted on the basis of receiving a Cost-Plus-A-Fixed-Fee type contract for a total price of [redacted] including fixed fee in the amount of [redacted]. A cost breakdown is submitted as Attachment 2.

The first three phases are to be accomplished prior to 13 June 1966 with the field engineering commencing in the 13 to 20 June time period.

Should additional information be desired, please contact the undersigned.

*Wally*

Wally

*11:11-10:10*

**19** JULY 1966

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ATTACHMENT 1

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TASK OUTLINE  
FOR  
[ ] OPERATIONAL CONFIGURATION  
AND  
FLIGHT TEST PROGRAM

1. PHASE I Mechanical Modifications
  - 1.1 Provide front supporting structure\*
  - 1.2 Provide mounting for operational configuration electrical connectors for power and destruct.
  - 1.3 Provide mountings for new inter-programmer connector.
2. PHASE II Electrical Modifications, System Control
  - 2.1 Redesign and modify existing control and "B" programmer cards to incorporate operational control configuration.
  - 2.2 Modify system wiring as necessary and integrate new connectors.
3. PHASE III Electrical Modifications, IR Monitor
  - 3.1 Redesign and incorporate improved IR monitor into Lamp Housing.
4. PHASE IV Flight Test Support
  - 4.1 Transport equipment and personnel to test site.
  - 4.2 Interface system with A/C.
  - 4.3 Support flight tests.

\* NOTE: RFI box lower corner relief will not be provided for this flight test as units will fit A/C as is.

